

802.11N ADSL2+ MODEM ROUTER

HIGH-SPEED ADSL2/2+ INTERNET CONNECTION
The latest ADSL2/2+ standards provide transmission speeds of up to 24Mbps downstream, and 1Mbps upstream

HIGH-PERFORMANCE WIRELESS
Implements draft 802.11n technology for high-speed wireless connections, and backwards compatibility with 802.11b/g wireless devices

TOTAL SECURITY & QoS
Provides firewall protection, user access control, WPA/WPA2 wireless security, and priority queues for smooth VoIP traffic and streaming multimedia







HIGH-SPEED INTERNET
The DSL-2760U is a versatile, high-performance router for home and small office use. The DSL-2760U includes integrated ADSL2/2+ with download speeds of up to 24Mbps, firewall protection, Quality of Service (QoS), draft 802.11n wireless LAN, and 4 Ethernet switch ports. This router provides all of the functions that users need to establish a secure and high-speed remote link to the outside world.

ULTIMATE WIRELESS CONNECTION
Maximize wireless performance and stay connected from virtually anywhere at home and in the office. The DSL-2760U provides wireless speeds many times faster than conventional 802.11g. Flexible user access security is provided via WPA/WPA2 and WEP data encryption. The DSL-2760U is also backward compatible with existing 802.11b and 802.11g wireless equipment, thus ensuring interoperability with a wide range of wireless devices.

FIREWALL PROTECTION & QoS
The DSL-2760U Modem Router provides firewall security measures such as Stateful Packet Inspection (SPI) and attack logging. SPI inspects the contents of incoming packets before they are allowed onto the network, while intelligent logging helps to protect against Denial of Service (DoS) attacks. Priority queues ensure Quality of Service (QoS) by organizing and delivering network traffic based on its importance. QoS is especially valuable on networks where users depend upon Voice over IP (VoIP) applications and streaming multimedia.

SHARE PRINTERS AND NETWORK STORAGE DEVICES
Two USB 2.0 ports allow you to connect printers, external hard drives, or flash storage devices to your network. A built-in print server provides convenient remote printing functionality. Attached USB storage devices can be accessed over the network, allowing you to share files with ease.

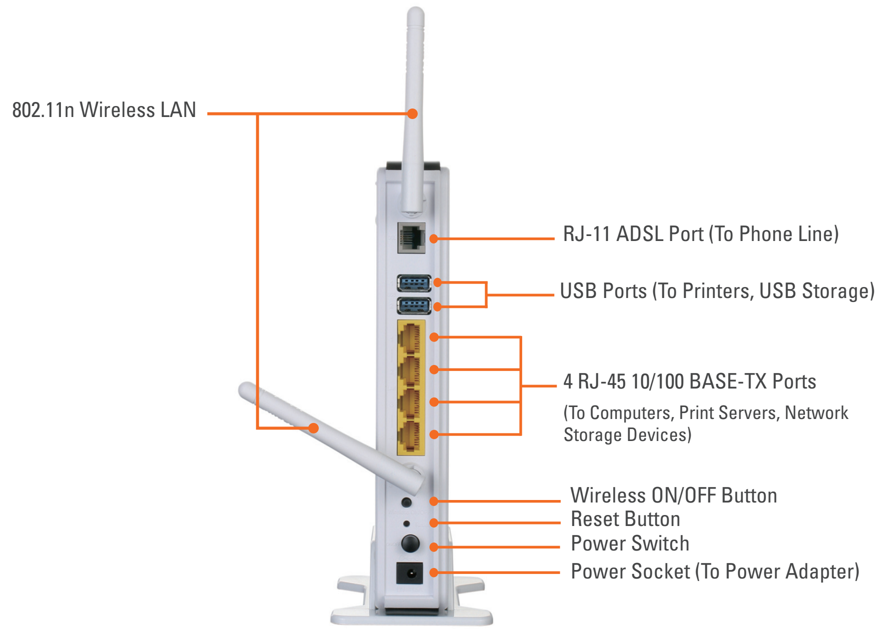
DSL-2760U

WHAT THIS PRODUCT DOES

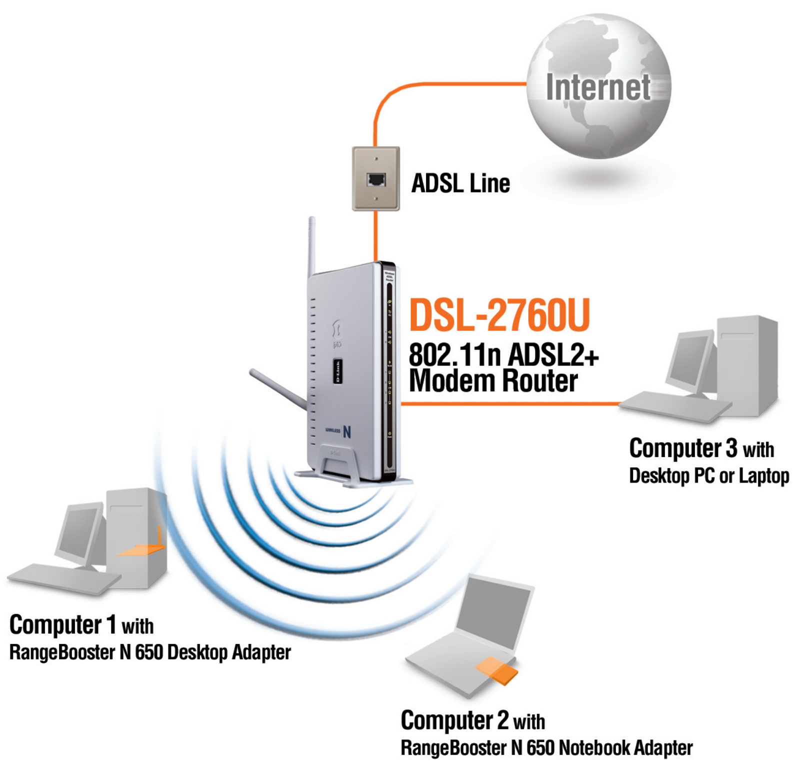
This DSL-2760U connects a group of users to the Internet, allowing multiple computers at home or the office to share an integrated high-speed ADSL2/2+ interface. It provides high-performance draft 802.11n access for wireless networking, 4 Ethernet ports, firewall protection, and QoS for smooth and secure downloads/uploads of photos, files, music, video and e-mail. Two USB ports can be used to connect printers and USB storage devices for convenient access over the network.

MAXIMUM ADSL AND WIRELESS PERFORMANCE

This router can provide an ADSL connection with download speeds of up to 24Mbps and upload speeds of up to 1Mbps. Watch TV, listen to live music, and experience clear Internet phone calls with no interruptions. Built-in high performance draft 802.11n wireless LAN offers high-speed ADSL transmission without the speed constraints of traditional wireless. Provide smooth streaming multimedia and VoIP at home or in the office without the need for intrusive and unsightly network cables.



YOUR NETWORK SETUP



DSL-2760U

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES
- RJ-11 ADSL port
- 4 RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX
- 2 USB 2.0 Ports
- Built-in draft 802.11n wireless LAN
- Factory reset button
- Power on/off switch

WIRELESS LAN
- 802.11b/g standards
- 802.11n draft
- Wireless speed: up to 54Mbps (802.11g), 300Mbps (802.11n)[1]
- Frequency range: 2.4 GHz to 2.484G Hz
- Antennas: Dual 2x2 built-in MIMO antennas
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access) security
- Multiple SSID
- 802.11e Wireless QoS (WMM/WME)
- MAC address-based access control

WIRELESS TRANSMISSION POWER[2]
- 17dBm +/- 2dBm

ADSL STANDARDS
- ADSL standards: Multi-mode, ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite) Annex A, ITU G.994.1 (G.hs)
- ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A/L/M, ITU G.992.4 (G.lite.bis) Annex A
- ADSL2+ standards: ITU G.992.5 Annex A/L/M

ADSL DATA RATES
- G.dmt: 8Mbps downstream, 832Kbps upstream
- G.lite: 1.5Mbps downstream, 512Kbps upstream
- ADSL2: 12Mbps downstream, 1Mbps upstream
- ADSL2+: 24Mbps downstream, 1Mbps upstream

VIRTUAL PRIVATE NETWORK (VPN)
- Multiple PPTP/IPSec/L2TP pass-through

ATM & PPP PROTOCOLS
- ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
- ATM Adaptation Layer Type 5 (AAL5)
- ATM QoS (Traffic Shaping)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- ITU-T I.610 OAM F4/F5

ROUTER FEATURES
- NAT
- DHCP server/client/relay
- Static Routing, RIP v.1, v.2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server
- SNTP, DNS proxy and IGMP proxy

FIREWALL
- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- DoS attacks prevention
- Packet filtering (IP/ICMP/TCP/UDP)
- Intrusion Detection System (IDS)
- DMZ

DEVICE CONFIGURATION/MANAGEMENT
- Web-based GUI for configuration, firmware upgrade
- Code lock to prevent improper firmware upgrade
- Telnet
- Syslog monitoring
- TR-069 Client

QUALITY OF SERVICE
- LAN to WAN traffic prioritization/ Classification
- 802.1p (0 to 7) traffic tagging

USB
- Printer server
- Storage device and hard drive for file sharing (Samba)

POWER INPUT
- 12V 1.5A external power adapter

DIAGNOSTIC LEDS
- Power
- LAN (1 to 4)
- WLAN
- DSL
- Internet
- USB (1 to 2)

DIMENSIONS
- 120.5 x 198 x 31.5 mm (4.7 x 7.8 x 1.2 inches)

OPERATING TEMPERATURE
- 0˚ to 40˚ C (32˚ to 104˚ F)

STORAGE TEMPERATURE
- -20˚ to 70˚ C (-4 ˚ to 158˚ F)

OPERATING HUMIDITY
- 5% to 95% non-condensing

CERTIFICATIONS
- CE (EN55022/ EN55024/ EN300 328/ EN301 489)

[1] Maximum wireless signal rate based on IEEE 802.11g standard and 802.11n draft specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

[2] Typical transmission power; transmission power setting varies according to country.

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Release 01 (August 2009)